Index to Volume 22

January - December 1972

Author Index

Alberts, J. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Aldrich, James L., Environmental Education: Academia's Response, 6:353
Aldrich, S. R., Some Effects of Crop-Production Technology on Environmental Quality, 2:90
Alexander, M., book review of Soil Micro-organisms, 10:625
Anderson, Sydney, Membership in Biological Societies, 5:303
Apple, J. L., Intensified Pest Management Needs of Developing Nations, 8:461
Appleby, Arnold P., The Chinese University, 10:569
Arnold, John R., Excessive Use of DDT, 9:514
Arditi, Joseph, book review of Orchids of Tropical Africa, 5:324
Ayala, Francisco J., book review of Population Ecology, 1:56
Ayala, Stephen, A Colony of Giant Andean Earthworms, 5:299

Baker, Herbert G., Bloopers, Boners, and Booboos, 6:337
Baker, William B., book review of Cell Biology, 6:383
Barash , David P., book review of Development and Evolution of Behavior, Essays in Memory of T. C. Schneirla, 1:55
Barrett, Dennis, Adding Flexibility to the Multiple-Choice Examination, 4:209
Behnke, John A., Frans Verdoorn Plant Scientist and Biohistorian, 3:177
———, Scientists and the Environmental Bandwagon, 2:73
Benedict, Harris M., Air Pollution Workshop, 7:431
Bennett, A. D. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96
Bennett, Kenneth A., Borlaug on DDT, 6:337
Berryman, Alan A., Resistance of Conifers to Invasion by Bark Bettle-Fungus Associations, 10:598
Betzer, S. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Blair, W. Frank, 1972 - The Biological Year, 1:9
Blair, Olive to Attend UN Conference, 5:309
Blockwick, Thomas, Presidential Candidates, 3:134
Borlaug, Norman E., Mankind and Civilization at Another Crossroad, 1:41
Bormann, F. H. Unlimited Growth: Growing, Growing, Gone?, 12:706
Brach, E. J. et al., An Electronic Heat Flux Integrator, 3:153
Brockelman, Warren Y., book review of Primate Societies: Group Techniques of Ecological Adaptation, 9:557
Bronk, Detlev W., The Creation of the American Institute of Biological Sciences, 7:420
Brodie, Edmund D., Jr., & Ronald R. Howard, Behavioral Mimicry in the Defensive Displays of the Urodele Amphibians *Nopthalmus Viridescens and Pseudotriton Ruber* 11:666
Brucker, Robert F. & David E. Green, The Molecular Principles of Biological Membrane Construction and Function, 1:13
Buchanan, William D., In Support of DDT, 10:569
Burger, Charlie & Dana Roberts, The Live Frog Is Almost Dead, 4:210
Bury, R. Bruce, The Environmental "Bandwagon," 9:514
Busser, H., Teaching Technicians--On Purpose, 5:290
Butler, Philip A., DDT in Estuarine Molluscs, 12:690

Cairns, John, Jr., Coping with Heated Waste Water Discharges from Steam-Electric Power Plants, 7:411
Calleja, G. B., book review of Centeral Concepts of Biology, 5:325
Canright, J. E., book review of Pollen and Spores of Chille, 8:498
Cargille, Charles M. et al., The Institute for Global Dynamics, 10:569
Carlquist, Sherwin, Island Biology: We've Only Just Begun, 4:221
Carranza, E.P. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96
Carson, Hampton L., Evolutionary Biology: Its Value to Society, 6:349
Cassens, R. G., Meat Science Research, 8:484
Cellarius, Richard A., Demonstration Model of Energy Conversion in Photosynthesis, 10:592
Chapman, Douglas G. & Sigurd Olsen, Ecological Dynamics of Watersheds, 3:158
Clark, Donald R., Jr. et al., Residues of DDT and Dieldrin in Snakes from Two Texas Agro-Systems, 11:664
Clutter, R. I. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Cole, Garry T., book review of Biology: A Functional Approach, 12:738
Cole, LaMont C., Cadmium Poisoning, 2:69
Colson, R. B., Agrees with Cain, 1:4
Coonen, L. P., book review of Biology in the Nineteenth Century: Problems of Form, Function and Transformation, 4:261
Courtenay, Walter R., Jr. & C. Richard Robins, The Grass Carp Enigma, 4:210
Cowan, J. Ritchie, DDT for Environmental Quality, 9:514
Crabtree, D. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Croat, Thomas B., The Role of Overpopulation and Agricultural Methods in the Destruction of Tropical Ecosystems, 8:465
Cummins, K. W. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:719
Cunha, T. J. et al., The Role of Livestock in Meeting Human Food Needs, 12:710

Davies, Jack, book review of Methods in Mammalian Embryology, 8:495
Davis, David E., Job Shortage?, 11:639
D'Elia, C. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Dennis, Emmet A., book review of Ecology and Physiology of Parasites, 6:386
Doughty, Robert W., Feathers and Fur Foppery, 3:174
Dunstan, W. M. et al., Controlled Eutrophication--Increasing Food Production from the Sea by Recycling Human Wastes, 3:144
DuPaul, W. D. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541

Eades, David C. et al., Computer-based Education in Biology, 7:401
Eckhardt, Robert C., Introduced Plants and Animals in the Galápagos Islands, 10:585
Edlin, Gordon, book review of DNA and Chromosomes, 3:193
———, book review of Molecular Genetics: An Introductory Narrative, 2:120
———, Molecular Genetics—A Survey of Highlights, 2:77
Edmisten, Joe A., Environmental Backlash, 6:336
Ehrlich, Paul, Is the Tide Turning?, 5:277
Ellis, Charles H., Jr., book review of Developmental Processes in Higher Vertebrates, 9:560

Fisher, Stuart G. & Gene E. Likens, Stream Ecosystem: Organic Energy Budget, 1:33
Flatt, William P., Contributions of Ruminant Nutritionists, 8:483
Fleet, Robert R. et al., Residues of DDT and Dieldrin in Snakes from Two Texas Agro-Systems, 11:664
Foote, Richard H. et al., Species-level Analysis of Biological Literature for Storage and Retrieval, 11:651
Fosberg, F. R., book review of Adaptive Aspects of Insular Evolution, 4:261
Fowler, Jo Ann V., Federal Funds for Campus Research Still Declining, 10:611
Francis, William J., Coriolis Parameter, 4:210

Gage, L. Patrick, Control Methods in Development, 4:247
Galston, Arthur W., The University in China, 4:217
Garrison, Mary M. et al., The Institute for Global Dynamics, 10:569
Giannasi, David E., book review of Chemotaxonmy of the Leguminosae, 10:626
Glass, Bentley, The Goals of Human Society, 3:137
Golley, Frank B., Organic Productions in Tropical Ecosystems, 12:735
Grahn, Douglas, Genetic Effects of Low Level Irradiation, 9:535
Granholm, Nels H., Our Professional Organizations and the Environmental Dilemma, 6:364
Green, David E. & Robert F. Brucker, The Molecular Principles of Biological Membrane Construction and Function, 1:13
Gunther, Peter P. & Richard H. Wagner, An Inexpensive Growth Chamber for Research and Teaching in Plant Science, 1:32

Hacskaylo, Edward, Mycorrhiza: The Ultimate in Reciprocal Parasitism?, 10:577
Hailman, Jack P., book review of Man and Beast: Comparative Social Behavior, 8:495
Hansel, William, Human Population Control, 8:483
Hardin, Garrett, book review of Natural Regulation of Animal Populations, 4:261
———, Exploited Seas-An Opportunity for Peace, 12:693
Harper, Jack, et al., The Institute for Global Dynamics, 10:569
Harms, R. H. et al., The Role of Livestock in Meeting Human Food Needs, 12:710
Harriman, Richard L., book review of World Dynamics, 6:384
Harwood, Paul D., A Biological Approach to Knowledge, 9:514

Haskins, Caryl P., book review of The Insect Societies, 4:262
Heck, Walter W., Air Pollution Workshop, 7:431
Helfrich, P. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Hendricks, Sterling B., book review of Light and Living Matter, Vol. 2: The Biological Part, 3:195
Hendrix, John, Borlaug on DDT, 5:273
Heppner, Frank, A Simple, Rapid Method for Processing Event Recorder Data, 1:38
Hervey, Ralph J., Let's Help Turn the Tide, 12:690
Hillman, Robert E., book review of Systems Analysis and Simulation in Ecology, Vol. 1, 1:56
Hollander, W. F., Mutation vs. Recombination, 2:108
Howard, F. O. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystem, 12:719
Howard, Ronald, R., and Edmund D. Brodie, Jr., Behavioral Mimicry in the Defensive Displays of the Urodele Amphibians *Nopthalmus Viridescens and Pseudotriton Ruber* 11:666
Howard, Walter H. & Rex E. Marsh, Bears and Garbage, 2:69
Huckabee, John W., Environmental Mercury, 6:336
Huguenin, J. E. et al., Controlled Eutrophication--Increasing Food Production from the Sea by Recycling Human Wastes, 3:144
Hutton, Robert, A freezeout System For Trace Organic Collections in Remote Areas, 5:294
Hyatt, Gary W. et al., Computer-based Education in Biology, 7:401

Johannes, R. E. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
John, Philip & Lester Packer, book review of Autonomy and Biogenesis of Mitochondria and Chloroplasts, 2:120
Johnson, Calvin, A Colony of Giant Andean Earthworms, 5:299
Johnson, P.H. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96
Jukes, Thomas, H., Antibiotics in Animal Feeds and Animal Production, 9:526
———, DDT Stands Trial Again, 11:670
———, Jukes in Defense of Borlaug, 11:635
———, Female Supremacy, 12:690

Kalt, Marvin R., book review of Advances in Cell and Molecular Biology, Vol. I, 8:498
Karling, John S., AIBS Story: Genesis, 4:209
Katerndahl, D.A., A Fifth Day, 12:697
Keller, Dolores Elaine, Cell Chauvinism, 7:397
Kenyon, Alice, Job Retraining, 4:213
Kenyon, Karl W., Status of Marine Mammals, 12:691
King, F. Wayne, book review of The Last of the Ruling Reptiles - Alligators, Crocodiles, and Their Kin, 2:119
King, Jack Lester, McGovern's Pronatlist Policy, 8:449
Kinzie, R. A. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Kisiel, Donald S., Recycled Paper, 3:133
Kleinsmith, Lewis J., Molecular Mechanisms for the Regulation of Cell Function, 6:343
Klemm, W. R., Methodology and Teaching, 1:4
Klug, M. J. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:719
Kongelbeck, Anita M., The Marine Mammal Protection Act of 1972, 9:548
———, The 92nd Congress: Review of the Second Session, 12:728
Koopowitz, Harold, book review of Orchids of Tropical Africa, 5:324
Kormondy, Edward J., Environmental Education: Academia's Response, 6:353
Kosin, I. L., The Growing Importance of Russian as a Language of Science, 12:723
Kramer, Paul J., book review of Phloem Transport in Plants, 1:56
Krauss, Robert W., AIBS at the White House, 3:178
———, The State of the Union and Province of Biology, 2:104
Krebs, Charles, Borlaug on DDT, 5:273

LaChance, Leo E. & Dale E. Wagoner, Genetic Control of Insect Populations, 9:512
Lamm, Machael, E., book review of Immunobiology, Current Knowledge of Basic Concepts in Immunology and Their Clinical Applications, 6:385
Lane, John E. et al., American Cancer Society Research Support, 9:545
Ledig, F. Thomas, book review of Trees: Structure and Function, 9:558
Leisner, Robert S., After Stockholm, What? 8:453
Likens, Gene E. & Stuart G. Fisher, Stream Ecosystem: Organic Energy Budget, 1:33
Little, Frank J., Jr., book review of Environment, Power and Society, 4:216
Loken, Halvar, book review of Advances in Chemoreception, Vol. I: Communication by Chemical Signals, 9:558
Long, Robert W., book review of Plant Speciation, 6:383
Lovett, Raymond J. & David B. Peakall, Mercury: Its Occurrence and Effects in the Ecosystem, 1:20

McClendon, John H., The Mythology of Oxygen, 9:547
McCloskey, L. R. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
McCullough, M. E., Recycling Food By-Products, 8:488
McClung, L. S., book review of Micro-organisms and Man, 6:383
———, The CEQ Annual Report: Controversial Chapters Withheld, 10:609
Mack, A. R. et al., An Electronic Heat Flux Integrator, 3:153
McKenna, Malcolm C., Possible Biological Consequences of Plate Tectonics, 9:519
Magoun, H. W., Neuroscience Doctorates In the Sixties, 8:457
Malcolm, Janet, M. et al., The Institute for Global Dynamics, 10:569
Manny, B. A. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:719
Maragos, J. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Marsh, J. A., Jr. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Marsh, Rex E. & Walter E. Howard, Bears and Garbage, 2:69
Marshall, N. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Martin, J. R. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96
Mayer, Jean, Decision Making in the Biological Field, 3:141
Mergen, Francois, book review of Professional Forestry in the United States, 8:495
Meyer, J. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Miller, Lawrence P., "Organic Fertilizers" a Myth, 11:637
Misra, R., Organic Productions in Tropical Ecosystems, 12:735
Moat, Albert, G., book review of Antimicrobial Agents and Chemotherapy--1970, 12:738
Morris, Beth, A Colony of Giant Andean Earthworms, 5:299
Moyer, Kenneth E., Minorities' Rights Reduced to the Absurd, 11:635

Nance, W. B. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96

Olday, Fred C., book review of Mineral Nutrition of Plants: Principles and Perspectives, 12:739
Olive, John R., It's Almost August!, 6:339
Olsen, Sigurd & Douglas G. Chapman, Ecological Dynamics of Watersheds, 3:158
Oscuro, G , Dear ~~Sir~~ Person, 11:637

Pack, Merrill R., Air Pollution Workshop, 7:431
Packer, Lester & Philip John, book review of Autonomy and Biogenesis of Mitochondria and Chloroplasts, 2:120
Palmer, John D., book review of Circadian Rhythmicity, 12:739
Peakall, David B., Bourlaug on DDT, 7:393
Peakall, David B. & Raymond J. Lovett, Mercury: Its Occurrence and Effects in the Ecosystem, 1:20
Pearse, John, Implications of Controlled Eutrophication, 8:449
Pennak, Robert W., book review of Reservoir Fisheries and Limnology, 10:625
Peter, Walter, G. III, The CEQ Annual Report: Controversial Chapters Withheld, 10:609
———, The 92nd Congress: Review of the 1st Session, Part I, 2:105
———, The 92nd Congress: Review of the First Session, Part II, 3:171
Petersen, R. C. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:
Philogène, Bernard J. R., Bourlaug on DDT, 7:393
———, Physiological Studies and Pest Control, 12:715
Pilson, M. E. Q. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Pimental, David, Scientists on the Bandwagon, 5:273
Plapp, Frederick W., Jr. et al., Residues of DDT and Dieldrin in Snakes from Two Texas Agro-Systems, 11:664
Platt, Robert B., It's What We Don't Know, 9:515
Poirier, P. et al., An Electronic Heat Flux Integrator, 3:153
Pomeroy, L. R. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Ponder, H. Wade, Teaching Technicians--On Purpose, 5:290
Porter, Elliot & Thomas G. Siccama, Lead in a Connecticut Salt Marsh, 4:232
Privitera, C. A., Pre-Med Paranoia--Its Justification - A Partial Remedy, 4:240
Proffitt, Max A., Mercury Contamination, 11:635

Quy, Dominic Do Van et al., American Cancer Society Research Support, 9:545

Rasmussen, Reinhold A., A Freezeout System For Trace Organic Collections in Remote Areas, 5:294

Reeder, Charlotte, G. book review of A Revised Flora of Malaya, Vol. III Grasses of Malaya, 5:324
Reeder, John, R., book reviews of A Revised Flora of Malaya, Vol. III and Grasses of Malaya, 5:324
Reichele, David E., book review of Man and the Environment: An Introduction to Human Ecology and Evolution, 6:385
Rickson, Fred R., Presidential Candidates, 3:133
Riddiford, Lynn M., book review of Milestones in the Developmental Physiology of Insects, 2:120
Roberts, Dana & Charlie Burger, The Live Frog Is Almost Dead, 4:210
Robins, C. Richard & Walter R. Courtenay, Jr., The Grass Carp Enigma, 4:210
Robinson, David Z., Tenure--Why Keep It?, 10:573
Robinson, Bruce, Borlaug on DDT, 5:273
Rooney, Brain, A Colony of Giant Andean Earthworms, 5:299
Roth, A. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Rumbaugh, Duane M., Zoos: Valuable Adjuncts for Instruction and Research in Primate Behavior, 1:26
Ryther, J. H. et al., Controlled Eutrophication—Increasing Food Production from the Sea by Recycling Human Wastes, 3:144

Sarles, William B., book review of Of Microbes and Life, Les Microbes et la Vie, 3:197
Scheer, Bradley T., book review of Endocrines and Osmoregulation, Zoophysiology and Ecology, Vol. I, 8:498
Schlesinger, William H., The Environmental Education Act: Where Do We Stand Now?, 6:361
Schmitt, Otto H., Impedance and Mutual Impedance, 1:37
Shenefelt, R. D. et al., Species-level Analysis of Biological Literature for Storage and Retrieval, 11:651
Shervis, L. J. et al., Species-level Analysis of Biological Literature for Storage and Retrieval, 11:651
Shutts, C. Francis, League of Unemployed Academies, 8:449
Siccama, Thomas G. & Elliot Porter, Lead in a Connecticut Salt Marsh, 4:232
Smiley, Daniel, Gypsy Moth, 1:4
Smirnoff, W. A., Promoting Virus Epizootics in Populations of the Swaine Jack Pine Sawfly by Infected Adults, 11:662
Smith, Bruce N., Natural Abundance of the Stable Isotopes of Carbon in Biological Systems, 4:226
Smith, S. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Sottile, W. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Southern, William E., book review of Avian Biology, Vol. I, 9:558
———, Magnets Disrupt the Orientation of Juvenile Ring-Billed Gulls, 8:476
Stanhke, Herbert L., UV Light, A Useful Tool, 10:604
Stark, N., Nutrient Cycling Pathways and Litter Fungi, 6:355
Stauber, Leslie A., book review of Ecology and Physiology of Parasites, 6:386
Steere, William Campbell, book review of Flora of the Galápagos Islands, 7:441
Stevenson, F. J., Role and Function of Humus in Soil with Emphasis on Absorption of Herbicides and Chelation of Micronutrients, 11:643
Strassenburg, A. A., Teaching Technicians--On Purpose, 5:290
Stuart, Anne, A Colony of Giant Andean Earthworms, 5:299
Suberkropp, K. R. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:719
Sullivan, Daniel J., Gypsy Moth, 1:5
Sullivan, Frank E., Jr., The Environmental Education Act: Where Do We Stand Now?, 6:361
Sumner, F. H., Controlling Insecticides, 9:513
Szabo, Steve S., Defoliation of Vietnamese Forests, 5:273

Telek, G. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Tenczar, Paul et al., Computer-based Education in Biology, 7:401
Tenore, K. R. et al., Controlled Eutrophication--Increasing Food Production from the Sea by Recycling Human Wastes, 3:144
Tracy, C. Richard, Newton's Law: Its Applicability for Expressing Heat Losses From Homeotherms, 11:656
Trembley, F. J., The Goals of Human Society, 10:569
———, Gypsy Moth, 1:5
Troetschler, Ruth, Are All Biologists Male?, 8:449
Turkowski, Frank J., Education at Zoos and Aquariums in the United States, 8:468

Vanderkloot, William G., book review of The Physiology of Excitable Cells, 6:384
Vanderkooi, Garret, book reviews of Probes of Structure and Function of Macromolecules and Membranes, Vol. I, Probes and Membrane Function and Vol. II, Probes of Enzymes and Hemoproteins, 9:557
Van Horn, H. H. et al., The Role of Livestock in Meeting Food Needs, 12:710
Vivona, Stefano et al., American Cancer Society Research Support, 9:545

Waggoner, Paul E., Scientists as Scientists, 6:336
Wagner, Richard H. & Peter P. Gunther, An Inexpensive Growth Chamber for Research and Teaching in Plant Science, 1:32
Wagoner, Dale E. & Leo E. LaChance, Genetic Control of Insect Populations, 9:512
Walburg, H. E., Jr., Workshop on Stastical Interpretation of Mammalian Survival Experiments, 10:619
Walkinshaw, C. H. et al., Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, 2:96
Webb, K. L. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Wells, J. M., Jr. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Went F. W. et al., Feeding and Digestion in Some Ants (*Veromessor* and *Manica*), 2:82
West, John A., book review of Contributions in Phycology, 9:560
Wetzel, R. G. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:
Wheeler, George C. et al., Feeding and Digestion in Some Ants (*Veromessor* and *Manica*), 2:82
Wheeler, Jeanette et al., Feeding and Digestion in Some Ants (*Veromessor* and *Manica*), 2:82
White, R. A., book review of Anatomy of the Monocotyledons, Vol. 5, Cyperaceae, 7:441
Whittinghill, Maurice, book review of Birth Control, 3:193
———, book review of Human Heredity and Birth Defects, 3:193
———, book review of Theoretical Aspects of Population Genetics, 10:625
———, book review of Genetics, 12:739
Wichterman, Ralph, Biological Effects of Ionizing Radiations on Protozoa: Some Discoveries and Unsolved Problems, 5:281
Wiebe, W. et al., The Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, 9:541
Wilber, Charles G., book review of Human Anatomy and Physiology, 3:193
Willham, R. L., Genetics and Animal Breeding, 8:485
Williams, Harvey D., Political Candidates, 2:69
Woodhill, Barry, A Colony of Giant Andean Earthworms, 5:299
Worsham, A. D., No-tillage Farming, 7:393
Wuycheck, J. C. et al., Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, 12:
Wyatt, H. V., More Foreign Journals, 10:570

Subject Index by Category

LETTERS

Adding Flexibility to the Multiple-Choice Examination, Dennis Barrett, 4:209
Agrees with Cain, R. B. Colson, 1:4
AIBS Story: Genesis, John S. Karling, 4:209
Are All Biologists Male?, Ruth Troetschler, 8:449
Bears and Garbage, Walter E. Howard & Rex E. Marsh, 2:69
Biological Approach to Knowledge, A, Paul D. Harwood, 9:514
Bloopers, Boners, and Booboos, Herbert G. Baker, 6:337
Borlaug on DDT (6 letters), Bruce Robinson, 5:273, Charles Krebs, 5:273, John Hendrix, 5:274 , Kenneth A. Bennett, 6:337, David B. Peakall, 7:393, & Bernard J. R. Philogene, 7:393
Cadmium Poisoning, LaMont C. Cole, 2:69
Chinese University, The, Arnold P. Appleby, 10:569
Controlling Insecticides, F. H. Sumner, 9:513
Coriolis Parameter, William J. Francis, 4:210
Dear ~~Sir~~ Person, G. Oscuro, 11:637
Defoliation of Vietnamese Forests, Steve S. Szaba, 5:273
DDT for Environmental Quality, J. Ritchie Cowan, 9:514
DDT in Estuarine Molluscs, Philip A. Butler, 12:690
Environmental Backlash, Joe A. Edmisten, 6:336
Environmental "Bandwagon," The, R. Bruce Bury, 9:514
Environmental Mercury, John W. Huckabee, 6:336
Excessive Use of DDT, John R. Arnold, 9:514
Goals of Human Society, The, F. J. Trembley, 10:569
Female Supremacy, Thomas H. Jukes, 12:690
Implications of Controlled Eutrophication, John Pearse, 8:449
Institute for Global Dynamics, The, Charles M. Cargille, Jack Harper, Mary M. Garrison, & Janet M. Malcolm, 10:569
In Support of DDT, William D. Buchanan, 10:569
Genetic Control of Insect Populations, Dale E. Wagoner & Leo E. LaChance, 9:512
Grass Carp Enigma, The, Water R. Courtenay, Jr. & C. Richard Robins, 4:210
Gypsy Moth (3 letters), Daniel Smiley, 1:4, Daniel J. Sullivan, 1:5, & F. J. Trembley, 1:5
Jukes in Defense of Borlaug, Thomas H. Jukes, 11:635
League of Unemployed Academies, C. Francis Shutts, 8:449
Let's Help Turn the Tide, Ralph J. Hervey, 12:690
Live Frog Is Almost Dead, The, Dana Roberts & Charlie Burger, 4:210
McGovern's Pronatlist Policy, Jack Lester King, 8:449
Mercury Contamination, Max A. Proffitt, 11:635
Methodology and Teaching, W. R. Klemm, 1:4
Minorities' Rights Reduced to the Absurd, Kenneth E. Moyer, 11:635
Political Candidates, Harvey D. Williams, 2:69
More Foreign Journals, H. V. Wyatt, 10:570
No-tillage Farming, A. D. Worsham, 7:393
"Organic Fertilizers" a Myth, Lawrence P. Miller, 11:637
Presidential Candidates (2 letters), Fred R. Rickson, 3:133 & Thomas Blockwick, 3:134

Recycled Paper, Donald S. Kisiel, 3:133
Scientists as Scientists, Paul E. Waggoner, 6:336
Scientists on the Bandwagon. David Pimentel 5:273
Status of Marine Mammals, Karl W. Kenyon, 12:691

EDITORIALS

1972 - The Biological Year, W. Frank Blair, 1:9
Scientists and the Environmental Bangwagon, John A. Behnke, 2:73
Goals of Human Society, The, Bentley Glass, 3:137
Job Retraining, Alice Kenyon, 4:213
Is the Tide Turning?, Paul Ehrlich, 5:277
It's Almost August!, John R. Olive, 6:339
Cell Chauvinism, Dolores Elaine Keller, 7:397
After Stockholm, What?, Robert S. Leisner, 8:453
It's What We Don't Know, Robert B. Platt, 9:515
Tenure—Why Keep It?, David Z. Robinson, 10:573
Job Shortage?, David E. Davis, 11:639
Exploited Seas— An Opportunity for Peace, Garrett Hardin, 12:693

ARTICLES

Antibiotics in Animal Feeds and Animal Production, Thomas H. Jukes, 9:526
Biological Effects of Ionizing Radiations on Protozoa: Some Discoveries and Unsolved Problems, Ralph Wichterman, 5:281
Computer- based Education in Biology, Gary W. Hyatt, David C. Eades, & Paul Tenczar, 7:401
Controlled Eutrophication—Increasing Food Production from the Sea by Recycling Human Wastes, J. H. Ryther, W. M. Dunstan, K. R. Tenore, & J. E. Hugenin, 3:144
Coping with Heated Waste Water Discharges from Steam-Electric Power Plants, John Cairns, Jr., 7:411
Decision Making in the Biological Field, Jean Mayer, 3:141
Demonstration Model of Energy Conversion in Photosynthesis, Richard A. Cellarius, 10:592
Education at Zoos and Aquariums in the United States, Frank J. Turkowski, 8:468
Environmental Education: Academia's Response, James L. Aldrich & Edward J. Kormondy, 6:353
Evolutionary Biology: Its Value to Society, Hampton L. Carson, 6:349
Feeding and Digestion in Some Ants (*Veromessor* and *Manica*), F. W. Went, Jeanette Wheeler, & George C. Wheeler, 2:82
Fifth Day, A, D. A. Katerndahl, 12:697
Genetic Effects of Low Level Irradiation, Douglas Grahn, 9:535
Intensified Pest Management Needs of Developing Nations, J. L. Apple, 8:461
Introduced Plants and Animals in the Galapágos Islands, Robert C. Eckhardt, 10:585
Island Biology: We've Only Just Begun, Sherwin Carlquist, 4:221
Mercury: Its Occurrence and Effects in the Ecosystem, David B. Peakall & Raymond J. Lovett, 1:20
Molecular Genetics—A Survey of Highlights, Gordon Edlin, 2:77
Molecular Mechanisms for the Regulation of Cell Function, Lewis J. Kleinsmith, 6:343
Molecular Principles of Biological Membrane Construction and Functions, The, David E. Green & Robert F. Brucker, 1:13
Mycorrhiza: The Ultimate in Reciprocal Parasitism?, Edward Hacskaylo, 10:577
Natural Abundance of the Stable Isotopes of Carbon in Biological Systems, Bruce N. Smith, 4:226
Neuroscience Doctorates In the Sixties, H. W. Magoun, 8:457
Newton's Law: Its Applicability for Expressing Heat Losses From Homeotherms, Richard C. Tracy, 11:656
Physiological Studies and Pest Control, Bernard J. R. Philogene, 12:715
Possible Biological Consequences of Plate Tectonics, Malcolm C. McKenna, 9:519
Role and Function of Humus in Soil with Emphasis on Adsorption of Herbicides and Chelation of Micronutrients, F. J. Stevenson, 11:643
Role of Livestock in Meeting Human Food Needs, The, H. H. Van Horn, T. J. Cunha, & R. H. Harms, 12:710
Role of Overpopulation and Agricultural Methods in the Destruction of Tropical Ecosystems, The, Thomas B. Croat, 8:465
Some Effects of Crop-Production Technology on Environmental Quality, S. R. Aldrich, 2:90
Species-level Analysis of Biological Literature for Storage and Retrieval, L. J. Shervis, R. D. Shenefelt, & Richard H. Foote, 11:651
Teaching Technicians—On Purpose, Wade H. Ponder, A. A. Strassenburg, & John H. Busser, 5:290
University in China, The, Arthur W. Galston, 4:217
Unlimited Growth: Growing, Growing, Gone?, F. H. Borman, 12:706
Zoos: Valuable Adjuncts for Instruction and Research in Primate Behavior, Duane M. Rumbaugh, 1:26

RESEARCH REPORTS

Behavioral Mimicry in the Defensive Displays of the Urodele Amphibians *Nopthalmus Viridescens* and *Pseudotriton Ruber*, Edmund D. Brodie, Jr. & Ronald R. Howard, 11:666

Colony of Giant Andean Earthworms, A, Stephen C. Ayala, Calvin Johnson, Beth Morris, Brian Rooney, Anne Stuart, & Barry Woodhull, 5:299
Ecological Dynamics of Watersheds, Sigurd Olsen & Douglas G. Chapman, 3:158
Electronic Heat Flux Integrator, An, E. J. Brach, A. R. Mack, & P. Poirier, 3:153
Elemental Analysis of Apollo 15 Surface Fines Used in Biological Studies in the Lunar Receiving Laboratory, P. H. Johnson, C. H. Walkinshaw, J. R. Martin, W. B. Nance, A. D. Bennett, & E. P. Carranza, 2:96
Freezeout System For Trace Organic Collections in Remote Areas, A, Reinhold A. Rasmussen & Robert Hutton, 5:294
Inexpensive Growth Chamber for Research and Teaching in Plant Science, An, Peter P. Gunther & Richard H. Wagner, 1:32
Lead in a Connecticut Salt Marsh, Thomas G. Siccama & Elliot Porter, 4:232
Magnets Disrupt the Orientation of Juvenile Ring-Billed Gulls, William E. Southern, 8:476
Metabolism of Some Coral Reef Communities: A Team Study of Nutrient and Energy Flux at Eniwetok, The, R. E. Johannes, J. Alberts, C. D'Elia, R. A. Kinzie, L. R. Pomeroy, W. Sottile, W. Wiebe, J. A. Marsh, Jr., P. Helfrich, J. Maragos, J. Meyer, S. Smith, D. Crabtree, A. Roth, L. R. McCloskey, S. Betzer, N. Marshall, M. E. Q. Pilson, G. Telek, R. I. Clutter, W. D. DuPaul, K. L. Webb, & J. M. Wells, Jr., 9:541
Nutrient Cycling Pathways and Litter Fungi, N. Stark, 6:355
Organic Enrichment with Leaf Leachate in Experimental Lotic Ecosystems, K. W. Cummins, M. J. Klug, R. G. Wetzel, R. C. Petersen, K. R. Suberkropp, B. A. Manny, J. C. Wuycheck, & F. O. Howard, 12:719
Promoting Virus Epizootics in Populations of the Swaine Jack Pine Sawfly by Infected Adults, W. A. Smirnoff, 11:662
Residues of DDT and Dieldrin in Snakes from Two Texas Agro-Systems, Robert R. Fleet, Donald R. Clark, Jr., & Frederick W. Plapp, Jr., 11:664
Resistance of Conifers to Invasion by Bark Bettle-Fungus Associations, Alan A. Berryman, 10:598
Stream Ecosystem: Organic Energy Budget, Stuart G. Fisher & Gene E. Likens, 1:33
UV Light, A Useful Field Tool, Herbert L. Stanhke, 10:604

FEATURES

American Cancer Society Research Support, Stefano Vivona, John E. Lane, & Dominic Do Van Quy, 9:545
CEQ Annual Report: Controversial Chapters Withheld, The, Walter G. Peter III, 10:609
Creation of the American Institute of Biological Sciences, Detlev W. Bronk, The, 7:420
Contributions of Ruminant Nutritionists, William P. Flatt, 8:483
DDT Stands Trial Again, Thomas H. Jukes, 11:670
Environmental Education Act: Where Do We Stand Now?, The, Frank E. Sullivan, Jr. & William H. Schlesinger, 6:361
Federal Funds for Campus Research Still Declining, Jo Ann V. Fowler, 10:611
Genetics and Animal Breeding, R. L. Willham, 8:485
Growing Importance of Russian as a Language of Science, The, Kosin, I. L., 12:723
Human Population Control, William Hansel, 8:483
Importance of Discoveries in Nematology to Human Welfare, 4:237
Mankind and Civilization at Another Crossroad, Norman E. Borlaug, 1:41
Meat Science Research, R. G. Cassens, 8:484
Memberships in Biological Societies, Sydney Anderson, 5:303
92nd Congress: Review of the 1st Session, The, Part I, Walter G. Peter III, 2:105
92nd Congress: Review of the First Session, The, Part II, Walter G. Peter III, 3:171
Our Professional Organizations and the Environmental Dilemma, Nels H. Granholm, 6:364
Pre-Med Paranois—Its Justification—A Partial Remedy, C. A. Privitera, 4:240
Recycling Food By-Products, M. E. McCullough, 8:488
State of the Union and Province of Biology, The, Robert W. Krauss, 2:104

MEETING REPORTS

Air Pollution Workshop, Harris M. Benedict, Merrill R. Pack, & Walter W. Heck, 7:431
Control Methods in Development, L. Patrick Gage, 4:247
Workshop on Stastical Interpretation of Mammalian Survival Experiments, H. E. Walburg, Jr., 10:619
Organic Products in Tropical Ecosystems, Frank B. Golley & R. Misra, 12:735

AIBS

AIBS at the White House, Robert W. Krauss, 3:178
AIBS Governing Board Spring Meeting, The, 4:244
AIBS Officers for 1972, 1:46
AIBS Story: Genesis, The, 1:7
AIBS Story: Seven Years of Independence, The, 2:71
AIBS Story: Founding of the Journal, The, 3:135
AIBS Story: Film Series and BSCS, The, 4:211
AIBS Story: The Annual Meeting, The, 5:275
AIBS Story: The Sword of Damocles, The, 6:338
AIBS Story: Special Science Programs, The, 7:395
AIBS Story: The Search for Unity, The, 8:451

BIAC

Impedance and Mutual Impedance, Otto H. Schmitt, 1:37
Simple, Rapid Method for Processing Event Recorder Data, A, Frank Heppner, 1:38

BIOLOGY BRIEFS

Abnormal Chromosome Numbers in Chicks, 4:242
Abnormalities in Providence River Clams, 7:428

Air Pollution May Cause Increased Acidity, 5:311
Antihemophilic Factor Identified, 8:487
Bacteria Linked to Tree-Destroying Fungi, 11:673
BCG and the 'Cancer Cure', 12:730
Bill to Limit Animal Use Defeated in California, 11:674
Biological Effects of Alaska Earthquake, 6:366
Biologists Construct Embryonic Brain Tissue, 5:310
Brain Response to Meals, 12:730
Coral Yields New Material for Prosthetic Devices, 9:550
Development of Sea Urchin Fishery, 8:487
Drugs May Someday Inhibit Cancer Cell Reproduction, 9:550
Flower Lure for Bees Identified, 10:614
Fungus That Kills Mosquitoes, 7:427
Gypsy Moth Doubles 1970 Destruction, 4:242
Immune Response Against Tumors, 5:311
Laser System for Monitoring Marine Plankton, 6:366
Lethal Action of Streptomycin on Bacteria, 8:486
Mathematical Model to Fight Parasitic Disease, 7:427
Mecelle System Resembles Cell and Surrounding Membrane, 10:614
Mycoplasmas in Coconut Palms, 5:310
Natural Defense Mechanism, 8:486
New Theory on Waffarin Anticoagulants, 9:550
New Use for Electron Microscope, 11:673
Parasexual Hybridization, 11:674
Partial Limb Regeneration in Mammals, 8:486
Probes of Living Human Lymphocytes, 6:366
Rapid Method for Isolating Growth Regulators, 12:731
Regulatory Genes May Control Responses to Antigens, 7:427
Relationship between Zinc and Copper and Blood Fats, 12:730
Research in Energy Metabolism, 5:310
Scientists Create Amino Acids Without Water, 6:366
Secrets of Flea Jumping Ability Disclosed, 12:731
Shark's Brain More Complex than Previously Thought, 10:614
Structure of Saxitoxin, 5:311
Temperatures Reset in Monkeys, 7:428
Two Human Cancer Viruses Appear to Be Isolated, 4:242
Use of Amphibians to Pinpoint Pollution, 8:487
Vanadium Necessary for Human Well-Being, 9:550
Venom Injection Produces Minifly, 7:428
Vitamin E Decreases Toxicity of Ozone and Nitrogen Dioxide, 9:551

REFLECTIONS

Feathers and Fur Foppery, Robert W. Doughty, 3:174
Mythology of Oxygen, The, John H. McClendon, 9:547
Mutation vs. Recombination, W.F. Hollander, 2:108

CAPITOL COMMENT

Marine Mammal Protection Act of 1972, The, Anita M. Kongelbeck, 9:548
Metric System Study Passes Senate, 10:612
92nd Congress: Review of the Second Session, The, Anita Kongelbeck: 12:728
Senate Passes National Science Policy and Priorities Act, 10:612

PANORAMA

AIBS Director to Receive Honorary Degree, 4:243
AIBS Testifies Before Senate Committee on UN Conference, 5:308
Charles G. Sibley Named Winner of William Brewster Award by AOU, 2:109
Frans Verdoorn Plant Scientist and Biohistorian, John A. Behnke, 3:177
Great Lakes: Agreement Signed, 7:425
International Field Year for the Great Lakes, 4:241
International Society Formed to Assess Technology, 4:243
Moral and Ethical Restraint Urged in Research and Development, 3:176
National Academy Awards, 5:309
Scientific Agreements at Moscow Summit, 7:424
Shockley Denied Course at Stanford, 7:424
Technologists Speak for Science, 3:176

BOOK REVIEWS

Adaptive Aspects of Insular Evolution, edited by William L. Stern, reviewed by F. R. Fosberg, 4:261
Advances in Cell and Molecular Biology, Vol. I, edited by E. J. DuPraw, reviewed by Marvin R. Kalt, 8:496
Advances in Chemoreception, Vol. I: Communication by Chemical Signals, edited by James W. Johnston, Jr., David G. Moulton, & Amos Turk, reviewed by Halvar Loken, 9:558
Anatomy of the Monocotyledons, Vol. 5, Cyperaceae, edited by C. R. Metcalfe, reviewed by R. A. White, 7:441
Antimicrobial Agents and Chemotherapy—1970, edited by Gladys L. Hobby, reviewed by Albert G. Moat, 12:738
Autonomy and Biogenesis of Mitochondria and Chloroplasts, edited by N. K. Boardman, Anthony W. Linnane, & Robert M. Smith, reviewed by Philip John & Lester Packer, 2:120
Avian Biology, Vol. I, edited by Donald S. Farner & James R. King, reviewed by William E. Southern, 9:558
Biology: A Functional Approach, by M. B. V. Roberts, reviewed by Garry T. Cole, 12:738
Biology in the Nineteenth Century: Problems of Form, Function and Transformation, by William Coleman, reviewed by L. P. Coonen, 4:261
Birth Control, by Garrett Hardin, reviewed by Maurice Whittinghill, 3:193
Cell Biology, by E. J. Ambrose and Dorthy M. Easty, reviewed by William B. Baker, 6:383
Central Concepts of Biology, by A. S. Baer, W. E. Hazen, D. L. Hameson, & W. C. Sloan, reviewed by G. B. Calleja, 5:325
Chemotaxonomy of the Leguminosae, edited by J. B. Harborne, D. Boulter, & B. L. Turner, reviewed by David E. Giannasi, 10:626
Circadian Rhythmicity, reviewed by John D. Palmer, 12:739
Contributions in Phycology, edited by Bruce C. Parker & R. Malcolm Brown, Jr., reviewed by John A. West, 9:560
Development and Evolution of Behavior, Essays in Memory of T. C. Schneirla, edited by Lester R. Aronson, Ethel Tobach, Daniel S. Lehrman, & Jay S. Rosenblatt, reviewed by David P. Barash, 1:55
Developmental Processes in Higher Vertebrates, by Ruth Bellairs, reviewed by Charles H. Ellis, Jr., 9:560
DNA and Chromosomes, by E. J. DuPraw, reviewed by Gordon Edlin, 3:193
Ecology and Physiology of Parasites, edited by A. M. Fallis, reviewed by Leslie A. Stauber, & Emmet A. Dennis, 6:386
Endocrines and Osmoregulation, Zoophysiology and Ecology, Vol. I, by P. J. Bentley, reviewed by Bradley T. Scheer, 8:498
Environment, Power and Society, by Howard T. Odum, reviewed by Frank J. Little, Jr., 4:261
Flora of the Galápagos Islands, by Ira L. Wiggins & Duncan M. Porter, reviewed by William Campbell Steere, 7:441
Genetics, by D. J. Cove, reviewed by Maurice Whittinghill, 12:739
Human Anatomy and Physiology, by James E. Crouch & J. Robert McClintic, reviewed by Charles G. Wilber, 3:193
Human Heredity and Birth Defects, by E. Peter Volpe, reviewed by Maurice Whittinghill, 3:193
Immunobiology, Current Knowledge of Basic Concepts in Immunology and Their Clinical Applications, edited by Robert A. Good and David, W. Fisher, reviewed by Michael E. Lamm, 6:385
Insect Societies, The, by Edward O. Wilson, reviewed by Caryl P. Haskins, 4:262
Last of the Ruling Reptiles - Alligators, Crocodiles, and Their Kin, The, by Wilfred T. Neill, reviewed by F. Wayne King, 2:119
Leaders of American Conservation, by Henry Clepper, 8:498
Light and Living Matter, Vol. 2: The Biological Part, by Roderick K. Clayton, reviewed by Sterling B. Hendricks, 3:195
Man and the Environment: An Introduction to Human Ecology and Evolution, by Arthur S. Boughey, reviewed by David E. Reichele, 6:385
Man and Beast: Comparative Social Behavior, edited by J. F. Eisenberg and Wilton S. Dillon, reviewed by Jack P. Hailman, 8:495
Methods in Mammalian Embryology, edited by Joseph C. Daniels, Jr., reviewed by Jack Davies, 8:495
Micro-organisms and Man, by Orville Wyss & Curtis Eklund, reviewed by L. S. McClung, 6:383
Mineral Nutrition of Plants: Principles and Perspectives, by Emanuel Epstein, reviewed by Fred C. Olday, 12:739
Milestones in the Developmental Physiology of Insects, edited by Dietrich Bodenstein, reviewed by Lynn M. Riddiford, 2:120
Molecular Genetics: An Introductory Narrative, by Gunther S. Stent, reviewed by Gordon Edlin, 2:120
Natural Regulation of Animal Populations, edited by Ian A. McLaren, reviewed by Garrett Hardin, 4:261
Of Microbes and Life, Les Microbes et la Vie, edited by Jacques Monod & Ernest Borek, reviewed by William B. Sarles, 3:197
Orchids of Tropical Africa, by J. Stewart B. Campbell, and W. H. Allen, reviewed by Harold Koopowitz and Joseph Arditi, 5:324
Phloem Transport in Plants, by Alden S. Crafts & Carl E. Crisp, reviewed by Paul J. Kramer, 1:56
Physiology of Excitable Cells, The, by D. J. Aidley, reviewed by William G. Vanderkloot, 6:384
Plant Speciation, by Verne Grant, reviewed by Robert W. Long, 6:383
Pollen and Spores of Chille, by Calvin J. Heusser, reviewed by J. E. Canright, 8:498
Population Ecology, edited by Lowell Adams, reviewed by Francisco J. Ayala, 1:56
Primate Societies: Group Techniques of Ecological Adaptation, by Hans Kummer, reviewed by Warren Y. Brockelman, 9:557
Probes of Structure and Function of Macromolecules and Membranes, Vol. I, Probes and Membrane Function, edited by B. Chance, C. P. Lee & J. K. Blasie, reviewed by Garret Vanderkooi, 9:557
Probes of Structure and Function of Macromolecules and Membranes, Vol. II, Probes of Enzymes and Hemoproteins, edited by B. Chance, T. Yonetoni & A. S. Mildvan, reviewed by Garret Vanderkooi, 9:557
Professional Forestry in the United States, by Henry Clepper, reviewed by Francois Mergen, 8:495
Reservoir Fisheries and Limnology, edited by Fordon E. Hall, reviewed by Robert W. Pennak, 10:625
Revised Flora of Malaya, A, Vol. III & Grasses of Malaya, by H. B. Gilliland, edited by H. M. Burkill, reviewed by John R. Reeder and Charlotte G. Reeder, 5:324
Soil Micro-organisms, by T. R. G. Gray & S. T. Williams, reviewed by M. Alexander, 10:625
Systems Analysis and Simulation in Ecology, Vol. 1, edited by Bernard C. Patten, reviewed by Robert E. Hillman, 1:56
Theoretical Aspects of Population Genetics, by M. Kumura & T. Ohta, reviewed by Maurice Whittinghill, 10:625
Trees: Struction and Function, by Martin H. Zimmerman, Charles Bullard, & Claud L. Brown, with a chapter by Melvin T. Tyree, reviewed by F. Thomas Ledig, 9:558
World Dynamics, by Jay W. Forrester, reviewed by Richard L. Harriman, 6:384